

L17 ANSWER 3 OF 11 WPINDEX COPYRIGHT 2000 DERWENT INFORMATION LTD
AN 2000-218203 [19] WPINDEX *In Japanese
DNC C2000-066885

**TI Resin compositions with excellent low temperature curing characteristics
for coatings capable of giving coats with excellent weather resistance.**

DC A14 A21 A23 A82 G02
PA (TORA) TORAY IND INC
CYC 1
PI **JP 2000044867** A 20000215 (200019)* 10p
ADT JP 2000044867 A JP 1998-217233 19980731
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AB JP2000044867 A UPAB: 20000606

NOVELTY - A resin composition for coatings comprises mixing 100 parts weight (pbw) of (A) an acrylic resin bearing an epoxy branch mixed or copolymerized with 0.01-10 wt.% of a photostable compound (HALS) with a base dissociation constant (PKb) of greater than equals 8, with 0.05-100 pbw of (B) an organoalkoxysilane compound, and 0.01-10 pbw of (C) an aluminium chelate compound. DETAILED DESCRIPTION - The organoalkoxysilane compound (B) bears both a glycidyl group and a hydrolysable alkoxy silane group in the molecule. An INDEPENDENT CLAIM is also included for resin compositions for coatings obtained by mixing 100 pbw of the above resin composition and 1-200 pbw of an epoxy resin with an epoxy equivalent of 100-2000.

USE - The resin compositions for coatings and coatings using the compositions can be applied to ABS, polystyrene, polycarbonate, nylon, iron, aluminum, galvanised sheet iron, tin plates, mortar, cement, asbestos cement, brick, roof tiles and slates and thus are useful for plastic parts and metal materials for cars and motorcycles, plastic parts and metal members for household electric appliances, siding boards, curtain walls, aluminium sashes and roof tiles.

ADVANTAGE - The resin compositions for coatings have excellent storage stability and low temperature (less than or equals 80 deg. C) curing characteristics and the coatings using the resin compositions can give coats with excellent adhesion properties, appearance and weather, chemical and solvent resistance and improved levelling properties, sharpness and gloss.
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